

INTERNATIONAL TRANSQUIP INDUSTRIES, INC.

INSTRUCTIONS FOR DRIVE LINE CONVERSION TO AIR-MECH BRAKES

KIT #64-02-3290

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1. Park bus and use wheel chocks, drain all air tanks.
 2. Measure the length of the released service brake push rod.
 3. The Air-Mech brake is shipped in the released position, so cut the push rod to the exact measurement of the previous service chamber.
 4. The universal boot can be used with many push rod lengths. Just cut the boot at the "valley" of one of its ribs and reassemble to the boot plate.
 5. Mount the Air-Mech chambers.
 6. Locate the rear service relay valve and remove it.
 7. Install the ZD Valve Assembly (ZDVA) in its place.
 8. Connect the reservoir line (3/4" line) to the reservoir port of the ZDVA.
 9. Connect the delivery hoses - one end to the delivery ports on the ZDVA, the other to the center or top port on the pressure housing of the Air-Mech chamber.
 10. Run a new line (3/8" red tubing) from the end of the by-pass valve to the piston lock ports on the brake. Individual lines can be run or the line can be "T'd" at one piston port. Plug unused piston lock ports.
 11. Connect the control line (service line) to the balance port on top of the ZDVA.
 12. Go to the front of the bus and remove the I.C.C. valve from the dash. Install the push/pull valve as follows: Connect supply line to supply port, *do not* connect the old delivery line.
 13. Run a new line (3/8 red tubing provided) from the delivery port on the push/pull valve to the rear of the bus to the "T" on the TR-3 valve (see ZDVA diagram).
 14. Remove the cut off valve and connect the "T" to the reservoir line.
 15. Remove the two-way check valve between the application valve delivery and the cut off valve.
 16. Reconnect the delivery line from the application valve to the delivery from the two-way check valve.
 17. Install stroke indicators on Air-Mech chambers.
 18. If you have questions, please call 1-800-753-4484.

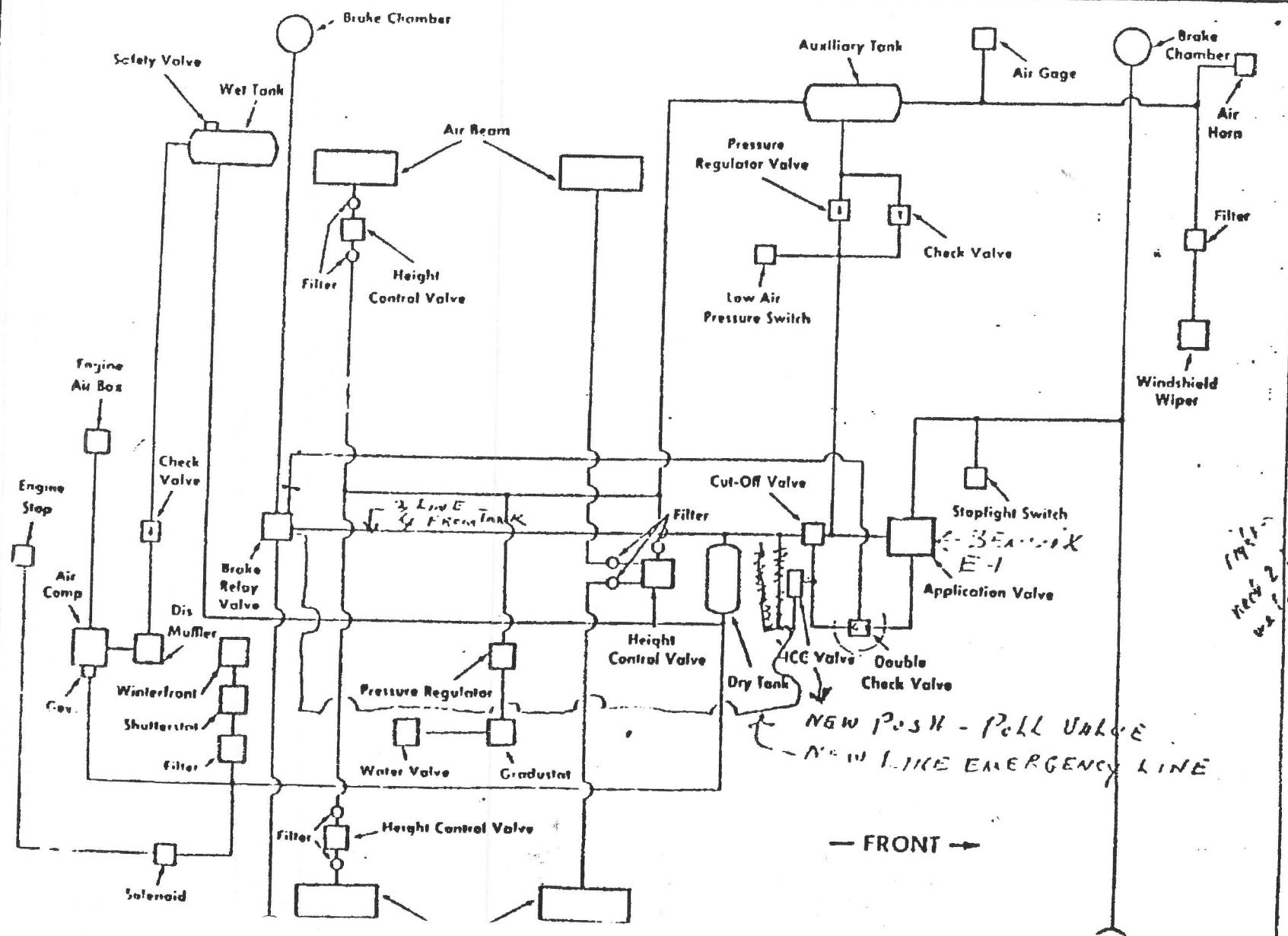
Includes: Copy of GM Coach Maintenance Manual
Driveline ZD Diagram

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01-2141	Push/Pull park valve kit	1
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GM COACH MAINTENANCE MANUAL X5814



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